

INEEL Water Integration Project Meeting Minutes July 9, 2003, ID-N

Attendees:

Marilynne Manguba	INEEL	mangma@inel.gov
Erick Neher	INEEL	neheer@inel.gov
Brennon Orr	Northwind, Inc.	borr@nwindenv.com
Jeff Perry	DOE-ID	perryjn@id.doe.gov
Doug Vandel	INEEL	dsv@inel.gov
Paul Wichlacz	INEEL	plw@inel.gov
Mike Wright	INEEL	wigpm@inel.gov

Via Conference Call:

Amy Powell	ANL	amy.powell@anlw.anl.gov
------------	-----	--

Source Team Summary Report

Brennon Orr, Northwind, Inc. presented a status report on the development of the vadose zone summary report on behalf of Bruce Becker, Technical Lead and the Source Team Advisory Group. The objective of this document is to describe the present understanding of contaminant source terms and to identify source-term data gaps. The Chapter 2 includes information on the Contaminant Inventory from the various contaminant sources – radioactive and hazardous waste from INEEL research operations, disposal of radioactive and hazardous wastes from offsite facilities, and radioactive and hazardous wastes from reprocessing of spent fuel and Contaminant Transport and Fate Mechanisms – corrosion, precipitation/dissolution, diffusion, sorption/desorption, advection/dispersion, radioactive decay, and transformation. Chapter 3 is a discussion of the different source term categories – injection wells, infiltration ponds and ditches, buried waste, and contaminated surface soils – and the association factors controlling release and current uncertainties. The draft document was provided to the Source Term Advisory Group for review in April. Based on comments Chapter 4, a discussion of the source term by contaminant, was added. A list of contaminant organized by type – radionuclides, inorganic chemicals, organic chemicals, and trace elements - was developed. The next draft of the document will be reviewed by the advisory group prior to the end of the fiscal year.

Management Review – July 10th

The Management Review is scheduled for July 10th in TSB with Mike Graham, Harold Blackman, Linda McCoy and Katie Hain.

Hydrogeology Field Tours

Two tours are scheduled next week – the INEEL CAB on Monday, July 14th and High Country and Three Rivers RC&Ds on Wednesday, July 16th.

Action Log

The comment period for the knowledge search white paper is over. In order to ensure the white paper has been reviewed by the appropriate, it was agreed to extend the comment period one week and encourage a targeted audience to review the white paper.

The validated research needs will be documented in a letter report.

The future direction for the INEEL Groundwater/Vadose Zone Monitoring Report will be discussed at the July meeting of the Monitoring and Surveillance Committee.

Options for engaging Ed Berkey and others in a review in the near future are being investigated.

A session at the Subsurface Science Symposium in October is being organized. The possibility of organizing a second session on public participation will be discussed with Stacey Francis, J.D. Wulforth, and others.

The next meeting will be July 23rd, 2003. Adjourned at 1:56 p.m.